

AMENDMENTS TO THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

The following listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A d~~Device~~ for stacking flat, flexible objects standing on ~~their~~narrow edges in a stacking compartment in an upright position, whereby the objects ~~(3)~~to be fed in one after the other can be conveyed obliquely to a moveable stack support ~~(10)~~or to ~~the~~an uppermost object in ~~the~~a stack ~~(7)~~, against which it rests with its long edges, and having been fed into the stacking compartment, by means of its long edges facing away from the stack support ~~(10)~~, up to an abutment ~~(11)~~with the help of a stack roll ~~(6)~~, ~~characterized in that,~~

wherein, to ~~the~~a side of a plane of conveyance for ~~the~~a path of the objects ~~(3)~~ into the stacking compartment, at least one ~~or more~~ hook-shaped elements ~~(1)~~for diverting and supporting ~~the~~rear portions – with regard to ~~the~~a direction of movement – of larger objects ~~(3)~~ ~~which are placed one above the other in the direction of~~ is coupled to the stack support ~~(10)~~and ~~are~~fastened at one end to a shaft ~~(13)~~ driven in a controlled manner, whereby ~~the~~a distance of ~~the~~an inner contour of ~~the~~a free end of the hook-shaped elements ~~(1)~~from the plane of conveyance is greater than the thickest object ~~(3)~~and ~~the~~a distance of ~~the~~an outer contour of the free end from the plane of conveyance is large enough to enable the rear portions of large objects in the stack ~~(7)~~in the direction of conveyance to be supported in order to clear ~~the~~an insertion channel, ~~and in that~~

wherein sensors ~~(5)~~for detecting ~~the~~front and rear edges of the objects ~~(3)~~ conveyed with a predefined speed are provided, ~~and~~

wherein a means of evaluation for detecting, from the sensor signals, ~~the~~ positions of the front and rear edges at specific points in time, ~~are~~is provided, ~~and in that~~

wherein a controller for controlling ~~the a~~ motor (9) of the shaft (13) for the hook-shaped element(s) (1) in accordance with these time-variable positions is configured such that, when an object (3) enters the stacking compartment, a sensor signal generated by the front edge of the incoming object (3) is triggered, the hook-shaped element(s) (1) ~~is/are~~ is oriented in such a manner that the object (3) enters the hook-shaped element(s) (1) and, at the same time, the rear edges of the large objects of the stack (7) are kept out of the insertion channel, ~~and in that~~

wherein the hook-shaped element (1), in synchronization with the movement of the object, is swung out from the plane of conveyance thus enabling the object (3) to enter the stacking compartment without being obstructed, whereby the distance of the hook-shaped element(s) (1) from the abutment is so large that ~~the a~~ supporting function remains effective while the hook-shaped element is swung out until the front edge of the incoming object (3) overlaps, to a defined extent, the rear edges of the supported objects that are already in the stack (7), and ~~in that~~

wherein a sensor signal generated by the rear edge of the incoming object (3) is triggered, and then the hook-shaped element(s) (1) ~~are~~ is swung back into ~~their an~~ initial position supporting the rear edges.

2. (currently amended) The dDevice according to Claim 1, ~~characterized in that wherein~~ the hook-shaped element (1) has a component directed away from ~~the a~~ center of rotation, to which component is attached a component having an almost circular arc-shaped outer contour, ~~the a~~ center of curvature of which lies in the center of rotation.

3. (currently amended) The dDevice according to Claim 1, ~~characterized in that wherein the a~~ number of hook-shaped elements (1) on the shaft (13) and their distances from ~~the a~~ base plate are selected such that all objects of varying heights to be stacked can be supported.

4. (currently amended) The dDevice according to Claim 13, ~~characterized in that wherein the~~ parts of the hook-shaped elements (1) that are in contact with the objects (3) have a low coefficient of friction.

5. (currently amended) The dDevice according to Claim 1,
~~characterized in that~~wherein, after the means of conveyance ~~(4)~~, a stack spindle ~~(8)~~
for shorter objects is disposed between the stack roll ~~(6)~~ and the hook-shaped
elements ~~(s)~~ ~~(1)~~, on the side of the path of conveyance facing the stack ~~(7)~~.